

### **REMARKS**

Claims 1-16 are pending and have all been rejected. Also, it is to be appreciated that while reference may be made back to certain parts of the application in this Reply (e.g., page numbers, line numbers, Figs., etc.), that such referencing is not to be interpreted in a limiting manner (e.g., to limit the scope of the claims and/or features therein to the particular portion(s) referenced), but is instead merely done for purposes of explanation, illustration and/or ease of understanding. Reconsideration of the application in light of the following remarks is respectfully requested.

#### **I. REJECTION OF CLAIMS 1 AND 10 UNDER 35 U.S.C. § 103**

Claims 1 and 10 were rejected under 35 U.S.C. § 103(a), as being unpatentable over the applicant's admitted prior art in view of Cook (US 6,996,165). Withdrawal of the rejection is respectfully requested for at least the following reasons.

Independent claim 1 provides that the transmit amplification device and the receive amplification device include a joint amplification stage. That is, a common amplification stage is used in both the transmit amplification device and the receive amplification device.

It is respectfully submitted that Cook does not teach this feature. For example, the transmit amplification device of Cook includes amplification stages 318 and 320, while the receive amplification device includes amplification stages 322 and 324 – but these transmit (318, 320) and receive (322, 324) amplification stages are not shared between the transmit and receive amplification devices of Cook (Fig. 3). That is, there is no common amplification stage between the transmit and receive amplification devices in Cook, as provided in independent claim 1.

Similarly, amplification stages 326, 328, 333 and 334 are not shared between the transmit and receive amplification devices in Cook. For example, amplification stages 333, 334 and 328 are used to generate a signal that is provided only to the transmission path (not the receive path). Likewise, amplification stage 326 is used to

generate a signal that is provided only to the receive path (not the transmission path) (Fig.3).

Additionally, given the different operating frequencies of the transmission and receive paths taught in Cook, and the fact that different amplifiers have different frequency responses, it is respectfully submitted that one of skill in the art would not look to modify Cook to have a common amplification stage between the transmission and receive paths because it may be difficult to design an amplifier having good performance over the frequency range of the transmission path and the frequency range of the receive path.

It is thus respectfully submitted that independent claim 1 is allowable over applicant's admitted prior art in view of Cook. Claim 10 depends from claim 1 and is therefore also allowable. Accordingly, withdrawal of this rejection is respectfully requested.

## **II. REJECTION OF CLAIMS 2-9 AND 11-16 UNDER 35 U.S.C. § 103**

Claims 2-9 and 11-16 were rejected under 35 U.S.C. § 103(a) as being unpatentable over the applicant's admitted prior art and Cook and further in view of Baker et al. (US 6,606,483). Withdrawal of the rejection is respectfully requested for at least the following reasons.

Claims 2-9 and 11-16 depend from independent claim 1. Baker et al. fail to make up for the aforementioned deficiencies of Cook. Accordingly, claims 2-9 and 11-16 are also believed to be allowable over the art cited, and withdrawal of this rejection is therefore respectfully requested.

**III. CONCLUSION**

For at least the above reasons, the claims currently under consideration are believed to be in condition for allowance.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should any fees be due as a result of the filing of this response, the Commissioner is hereby authorized to charge the Deposit Account Number 50-1733, EHFP137US.

Respectfully submitted,  
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